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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/652,485	09/02/2003	Makoto Okada	21.1886C	2320
21171 7590 06/06/2007 STAAS & HALSEY LLP SUITE 700 1201 NEW YORK AVENUE, N.W. WASHINGTON, DC 20005			EXAMINER CAO, DIEM K	
			ART UNIT 2194	PAPER NUMBER
			MAIL DATE 06/06/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/652,485	OKADA ET AL.	
	Examiner	Art Unit	
	Diem K. Cao	2194	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 February 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.


Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.


WILLIAM THOMSON
SUPPLEMENTARY PATENT EXAMINER
U.S. PATENT & TRADEMARK OFFICE

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-8 are pending. Applicant has amended claim 4 and 7 and added claim 8.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claim 8 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Claim 8 recites "a first computer ... storing a set of reactions available to the plurality of computers connected to the communication channel", however, the specification discloses for each computer, there is a medium storing a set of reactions for that computer (page 8, line 20 – page 9, line 2). For the purpose of the examining, examiner interprets the claim as support by the specification.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an

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international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-8 are rejected under 35 U.S.C. 102(e) as being anticipated by Hao et al (U.S. 5,844,553).

As to claim 1, Hao teaches

- storing a first set of reactions at a first computer (File 124, Application 123, Workstation 120; see Fig. 2 and associated text), and a second set of reactions at a second computer (File 134, Application 133, Workstation 130; see Fig. 2 and associated text), where each reaction in the first set comprises indicia of one of a plurality of operations available for performance on the first computer and execution information associated with each identified operation (a rotation motion ... rotated figured; col. 5, lines 22-29 and Applications automatically trigger their own event handlers to execute received events; col. 7, lines 1-2 and File on col. 12, lines 1-8 and 23-30), where each reaction in the second set comprises indicia of one of a plurality of operations available for performance on the second computer and execution information associated with each identified operation (a rotation motion ... rotated figured; col. 5, lines 22-29 and Applications automatically trigger their own event handlers to execute received events; col. 7, lines 1-2 and File on col. 12, lines 1-8 and 23-30);

- at a third computer (Workstation 110; see Fig. 2 and associated text), performing one or more operations of a first plurality of operations available for performance at the third computer (press a button, move a mouse, type a key, a rotate motion; col. 5, lines 16-25 and col. 8, lines 4-5);

- in response to the performance one or more operation at the third computer, generating

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a transmission, sent via a communication path common to the first, second and third computers, comprising indicia of the one or more performed operations and information operated on by each of the one or more operations (The rotate motion would then be captured and multicast to windows 112, 122 and 132; col. 5, lines 24-25 and col. 6, lines 59-67; col. 8, lines 4-6);

- receiving the transmission at the first and second computers via the communication path (Each application would receive the motion event; col. 5, lines 24-27);

- at the first computer, determining whether the received indicia corresponds to at least one of the first set of reactions, and if it does, performing an execution using the associated execution information of the one of the first set of reactions (Each application ... rotated figure; col. 5, lines 25-29 and col. 7, lines 1-2 and col. 9, lines 48-52 and col. 11, lines 19-21, 39-54);

and

- at the second computer, determining whether the received indicia corresponds to at least one of the second set of reactions, and if it does, performing an execution using the associated execution information of the one of the second set of reactions (Each application ... rotated figure; col. 5, lines 25-29 and col. 7, lines 1-2 and col. 9, lines 48-52 and col. 11, lines 19-21, 39-54).

As to claim 2, Hao teaches

- executing original operations of different operation types (press a button, move a mouse, type a key, a rotate motion; col. 5, lines 16-25 and col. 8, lines 4-5);

- when original operations are executed, transmitting messages on a communication path, common to a plurality of objects, whereby each message is receivable by the plurality of objects

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(The rotate motion would then be captured and multicast to windows 112, 122 and 132; col. 5, lines 24-25 and col. 6, lines 59-67; col. 8, lines 4-6), where the messages have a format shared by the objects, and where each message indicates the operation type of its corresponding executed operation (col. 10, lines 32-47); and

- when messages so transmitted to the plurality of objects are received, determining whether to react to each message based on each message's indicated operation type, and when determined to react to a given message, reacting by executing a reaction operation (Each application ... rotated figure; col. 5, lines 25-29 and multicast; col. 7, lines 1-2 and col. 9, lines 48-52 and col. 11, lines 19-21, 39-54) that is pre-associated with the message indicated operation type, where each object has its own set of reaction operations and pre-registered associations between its reaction operations and at least some of the operation types (a rotation motion ... rotated figured; col. 5, lines 22-29 and Applications automatically trigger their own event handlers to execute received events; col. 7, lines 1-2 and col. 11, lines 54-60 and File on col. 12, lines 1-8 and 23-30).

As to claim 3, Hao teaches the original operations comprises graphical user interface events, and wherein the operation types comprises types of graphical user interface events (press a button, move a mouse, type a key, a rotate motion; col. 5, lines 16-25 and col. 8, lines 4-5 and col. 10, lines 37-43).

As to claim 4, Hao teaches a message further indicates a parameter (certain amount) of the original operation that triggered the message (a 3-D figure to be rotated a certain amount; col.

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5, lines 22-23), and wherein the reaction operation triggered by the message uses as its own parameter the parameter included with the message that determined the execution of the reaction operation (inherent from Each application ... the rotated amount; col. 5, lines 25-29).

As to claim 5, Hao teaches the communication path comprises a network chat channel (real-time collaboration window sessions, col. 7, lines 5-28).

As to claim 6, Hao teaches the plurality of objects comprises programs executing on different computer systems (Workstations 120, 130; see Fig. 2 and associated text).

As to method claim 7, it is the same as the computer product claim of claim 2 and is rejected under the same ground of rejection.

As to claim 8, Hao teaches

- a communication channel connecting a plurality of computers (see Fig. 2 and col. 4, lines 57-60),
- a first computer (Workstation 120, see Fig. 2), connected to the communication channel, including
 - a computer-readable medium storing a set of reactions available to the plurality of computers connected to the communication channel for performance on the first computer (File 124, Application 123, Workstation 120; see Fig. 2 and associated text), where each reaction includes an indicia of an operation available (a rotation motion ... rotated figured; col. 5, lines

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22-29), and

- a processor determining when an operation, received from the communication channel, will be performed on the first computer (Applications automatically trigger their own event handlers to execute received events; col. 7, lines 1-2 and File on col. 12, lines 1-8 and 23-30), and

- a second computer (Workstation 110; see Fig. 2), connected to the communication channel, including a processor performing operations available on the second computer and transmitting performance of operations to the plurality of computers connected to the communication channel (press a button, move a mouse, type a key, a rotate motion; col. 5, lines 16-25 and col. 8, lines 4-5 and The rotate motion would then be captured and multicast to windows 112, 122 and 132; col. 5, lines 24-25 and col. 6, lines 59-67; col. 8, lines 4-6).

Response to Arguments

5. Applicant's arguments filed 2/27/2007 have been fully considered but they are not persuasive.

In the remarks, Applicant argued in substance that (1) Hao does not teach "at the first computer, determining whether the received indicia corresponds to at least one of the first set of reactions" because in Hao's system, the system sends the event to the appropriate shared application windows (page 5, line 24 - page 6, line 10).

Examiner respectfully disagrees with the Applicant's arguments:

- As to the point (1), Hao teaches the received indicia is the motion event, and the first computer, upon receiving the indicia, determining whether the received indicia corresponds to at

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least one of the first set of reaction, performing an execution if it does, i.e., rotate (col. 5, lines 24-29, col. 7, lines 1-2, col. 9, lines 45-53). Thus, the event with the indicia in Hao system including button press/release, keyboard or motion events (col. 8, lines 4-6), not determining which computer to send the event as argued by the Applicant. Therefore, the arguments are not persuasive and the rejection is maintained.

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Diem K. Cao whose telephone number is (571) 272-3760. The examiner can normally be reached on Monday - Friday, 7:30AM - 3:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

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supervisor, William Thomson can be reached on (571) 272-3718. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

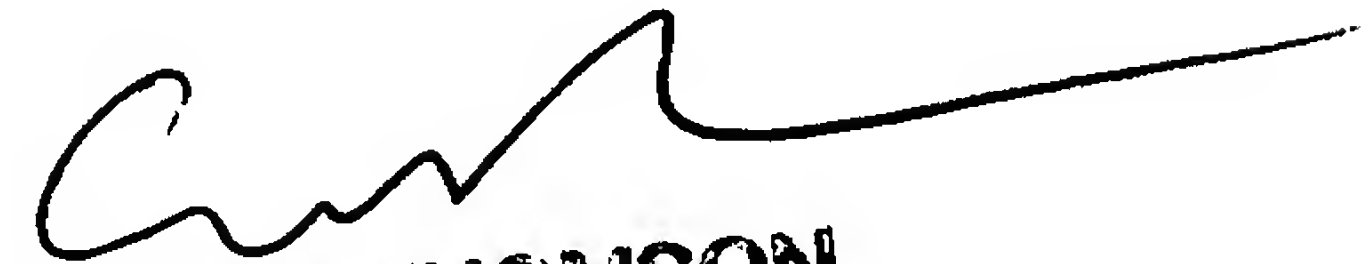
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist at 571-272-2100.

Diem Cao
May 21, 2007


WILLIAM THOMSON
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ELECTRONIC BUSINESS CENTER 2100